

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appellants:	Peter C. JOHNSON II et al.	§	Confirmation No.:	1025
		§		
Serial No.:	10/765,519	§	Group Art Unit:	2143
		§		
Filed:	01/27/2004	§	Examiner:	Mark D. Fearer
		§		
For:	Instant Messaging HTTP	§	Docket No.:	200206870-1
	Gateway	§		

**RESPONSE TO NOTIFICATION OF
NON-COMPLIANT APPEAL BRIEF (37 CFR 41.37)**

Mail Stop Appeal Brief – Patents

Date: December 22, 2009

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In a Notification of Non-Compliant Appeal Brief dated November 23, 2009, the Examiner noted that, “[I]n the Claims Appendix section of brief, claim 24 is not consistent with the amendment changes of the 02/20/09 amendment on file.” Appellants concur with the Examiner and submit herewith a revised Claims Appendix to address the Examiner’s concerns. More specifically, in accordance with the amendment of 02/20/09, the preamble of claim 24 should recite the term “comprising” instead of “containing.”

Respectfully submitted,

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VIII. CLAIMS APPENDIX

1. A system, comprising:

an HTTP gateway adapted to establish a communication link with an
HTTP server; and

an instant messaging communication subsystem adapted to enable
communication between a plurality of instant messaging user
interfaces coupled to the instant messaging communication
subsystem;

wherein, the HTTP gateway establishes a communication link with the
instant messaging communication subsystem and wherein the
HTTP gateway is adapted to receive commands from the instant
messaging user interfaces, convert the commands to HTTP
requests, send the HTTP requests to the HTTP server, receive
HTTP responses to the HTTP requests from the HTTP server, and
send the HTTP responses to the instant messaging user interfaces
via the instant messaging communication subsystem;

wherein the HTTP gateway selects said instant messaging communication
subsystem from among a plurality of instant messaging
communication subsystems using a configuration file of the HTTP
gateway stored on the system.
2. The system of claim 1, further comprising at least one instant messaging
bot, wherein the HTTP gateway is coupled to the instant messaging

communication subsystem via the at least one instant messaging bot and the instant messaging bot receives the commands from the instant messaging user interfaces and sends HTTP responses to the user interfaces via the instant messaging communication subsystem.

3. The system of claim 1, further comprising a back-end database connected to the HTTP server, wherein the HTTP server is adapted to query the back-end database in preparing the HTTP responses.

5. The system of claim 1, wherein the HTTP gateway further comprises a configuration file, and further wherein the configuration file is usable to determine with which of a plurality of HTTP servers the gateway establishes said communication link.

6. The system of claim 1, wherein the HTTP gateway is adapted to map the HTTP requests to specific paths on the HTTP server.

7. The system of claim 1, wherein the HTTP gateway polls the instant messaging communication subsystem for the commands from the instant messaging user interfaces.

8. The system of claim 1, wherein conversion of commands from instant messaging user interfaces into the HTTP requests comprises creation of form variables by the HTTP gateway based on the commands.

9. The system of claim 1, wherein the HTTP gateway extracts text portions of the HTTP responses and communicates the text portions to the instant messaging user interfaces.

10. A method, comprising:

transmitting commands from a plurality of instant messaging user interfaces to an HTTP gateway via an instant messaging communication subsystem;

converting the commands to HTTP requests;

transmitting the HTTP requests to an HTTP server;

generating HTTP responses to the HTTP requests; and

transmitting the HTTP responses to the instant messaging user interfaces via the instant messaging communication subsystem;

wherein transmitting commands from the plurality of instant messaging user interfaces to the HTTP gateway comprises accessing a configuration file to determine with which of a plurality of instant messaging communication subsystems the gateway establishes said communication link.

11. The method of claim 10, wherein transmitting commands from a plurality of instant messaging user interfaces comprises receiving the commands via an instant messaging bot and forwarding the commands from the bot to the HTTP gateway.

12. The method of claim 10, wherein generating HTTP responses to the HTTP requests comprises querying a back-end database.

14. The method of claim 10, wherein transmitting the HTTP requests to the HTTP server comprises mapping the HTTP requests to specific paths on the HTTP server.

15. The method of claim 10, wherein transmitting commands from a plurality of instant messaging user interfaces to the HTTP gateway comprises polling the instant messaging communication subsystem for the commands.

16. The method of claim 10, wherein converting the commands to HTTP requests comprises creating form variables by the HTTP gateway based on the commands.

17. The method of claim 10, wherein transmitting the HTTP responses to the instant messaging user interfaces comprises extracting text portions of the HTTP responses and communicating the text portions to the instant messaging user interfaces.

18. A system comprising:

means for establishing a communication link between an HTTP gateway
and an HTTP server;

means for transmitting commands from a plurality of instant messaging
user interfaces coupled to an instant messaging communication
subsystem to the HTTP gateway via at least one instant messaging
bot;

means for converting the commands to HTTP requests;

means for transmitting the HTTP requests to the HTTP server;

means for generating HTTP responses to the HTTP requests; and

means for transmitting the HTTP responses via the at least one instant
messaging bot to the instant messaging user interfaces;

wherein the HTTP gateway selects said instant messaging communication
subsystem from among a plurality of instant messaging
communication subsystems using a configuration file of the HTTP
gateway stored on the system.

19. The system of claim 18, wherein generating HTTP responses to the HTTP requests comprises a means for querying a back-end database.

20. The system of claim 18, wherein transmitting the HTTP requests to the HTTP server comprises a means for mapping the HTTP requests to specific paths on the HTTP server.

21. A gateway, comprising:
a CPU;
a storage device coupled to the CPU and containing executable code;
wherein, upon executing the code, the processor receives commands from
instant messaging user interfaces, converts the commands to
HTTP requests, sends the HTTP requests to an HTTP server,
receives HTTP responses from the HTTP server, and sends the
HTTP responses to the instant messaging user interfaces via an
instant messaging communication subsystem;
a configuration file, wherein the CPU accesses data in the configuration
file to determine with which of a plurality of instant messaging
subsystems the gateway establishes a communication link;
wherein the configuration file is usable to determine to which of a plurality
of HTTP servers the gateway sends said HTTP requests.

22. A gateway as recited in claim 21, wherein the CPU further comprises executable code for an instant messaging bot, wherein the instant messaging bot receives commands from the instant messaging user interfaces and sends HTTP responses to the users interfaces via the instant messaging communication subsystem.

24. A computer-readable medium comprising software that, when executed by a processor, causes the processor to:

- receive commands from a plurality of instant messaging user interfaces;
- convert the commands to HTTP requests;
- transmit the HTTP requests to an HTTP server;
- receive HTTP responses from the HTTP server; and
- transmit the HTTP responses to the instant messaging user interfaces via an instant messaging communication subsystem;

wherein receiving commands from or transmitting HTTP responses to the plurality of instant messaging user interfaces comprises accessing a configuration file to determine with which of a plurality of instant messaging communication subsystems to establish a communication link.

25. A computer-readable medium as recited in claim 24, wherein receiving commands from a plurality of instant messaging user interfaces comprises receiving the commands via an instant messaging bot.

26. A computer-readable medium as recited in claim 24, wherein receiving HTTP responses from the HTTP server comprises querying a back-end database.